

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PHUS030086WO	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/IB2004/001068	International filing date (day/month/year) 02/04/2004	(Earliest) Priority Date (day/month/year) 14/04/2003
Applicant KONINKLIJKE PHILIPS ELECTRONICS N.V.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 2

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/001068

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F17/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	WO 2004/001626 A (KONINKL PHILIPS ELECTRONICS NV ; PHILIPS CORP (US)) 31 December 2003 (2003-12-31) cited in the application page 6, line 18 - page 16, line 6 ----- -/--	1,2,5,7, 9,18-25, 30-32



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

9 July 2004

Date of mailing of the international search report

26/07/2004

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/001068

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JASINSCHI R S ET AL: "Integrated multimedia processing for topic segmentation and classification" PROCEEDINGS 2001 INTERNATIONAL CONFERENCE ON IMAGE PROCESSING. ICIP 2001. THESSALONIKI, GREECE, OCT. 7 - 10, 2001, INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, NEW YORK, NY : IEEE, US, vol. VOL. 1 OF 3. CONF. 8, 7 October 2001 (2001-10-07), pages 366-369, XP010563359 ISBN: 0-7803-6725-1 the whole document	1-18, 25-27, 29-32
Y	WO 00/45291 A (KONINKL PHILIPS ELECTRONICS NV) 3 August 2000 (2000-08-03) page 13, line 4 - page 18, line 3	1-18, 25-27, 29-32
Y	DIMITROVA N ET AL: "Personalizing video recorders using multimedia processing and integration" PROCEEDINGS OF 9TH ACM INTERNATIONAL CONFERENCE ON MULTIMEDIA, 2001, pages 564-567, XP002287757 OTTAWA, CA the whole document	1-18, 25-27, 29-32
Y	US 5 805 733 A (NORMILE JAMES ET AL) 8 September 1998 (1998-09-08)	5,27
A	column 4, line 55 - line 57; figure 1	1,19,25, 30
Y	NAPHADE M R ET AL: "AUDIO-VISUAL QUERY AND RETRIEVAL: A SYSTEM THAT USES DYNAMIC PROGRAMMING AND RELEVANCE FEEDBACK" JOURNAL OF ELECTRONIC IMAGING, SPIE + IS&T, US, vol. 10, no. 4, October 2001 (2001-10), pages 861-870, XP001104666 ISSN: 1017-9909	10
A	page 863, paragraph 4.1 - page 865, paragraph 4.4.3	1,13-15, 17
A	US 2002/164151 A1 (DIMITROVA NEVENKA ET AL) 7 November 2002 (2002-11-07) paragraph '0003! - paragraph '0006! paragraph '0027! - paragraph '0051!	1,19,25, 30
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FOOTE J: "VISUALIZING MUSIC AND AUDIO USING SELF-SIMILARITY" ACM MULTIMEDIA, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE, NEW YORK, NY, US, October 1999 (1999-10), pages 77-80, XP002265508 cited in the application the whole document -----	1, 5, 25
A	LI D ET AL: "Classification of general audio data for content-based retrieval" PATTERN RECOGNITION LETTERS, NORTH-HOLLAND PUBL. AMSTERDAM, NL, vol. 22, no. 5, April 2001 (2001-04), pages 533-544, XP004233004 ISSN: 0167-8655 cited in the application page 535 - page 539 -----	1, 15, 17
A	ABDEL-MOTTALEB M ET AL: "MPEG -7: a content description standard beyond compression" 42ND MIDWEST SYMPOSIUM ON CIRCUITS AND SYSTEMS, vol. 2, 8 August 1999 (1999-08-08), pages 770-777, XP010511065 cited in the application page 771, paragraph 3.0 - page 776, paragraph 4.3 -----	1, 19, 25, 30
A	DIMITROVA N, ZHANG H J: "Applications of video-content analysis and retrieval" MULTIMEDIA, IEEE, vol. 9, no. 3, July 2002 (2002-07), pages 42-55, XP002287758 ISSN: 1070-986 page 52, right-hand column - page 53, left-hand column; figure 8 -----	1, 19, 25, 30

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/001068

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 2004001626	A	31-12-2003	US	2003233929 A1	25-12-2003
			WO	2004001626 A1	31-12-2003

WO 0045291	A	03-08-2000	US	6608930 B1	19-08-2003
			CN	1295690 T	16-05-2001
			WO	0045291 A1	03-08-2000
			EP	1066577 A1	10-01-2001
			JP	2002536853 T	29-10-2002
			US	6614930 B1	02-09-2003
			US	6731788 B1	04-05-2004

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			WO	02089008 A2	07-11-2002
